

UTILITY/DESIGN PATENT  
Docket No. S63.2-7132

**D E C L A R A T I O N**

As a below-named inventor, I(we) hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type:

- original
- design
- supplemental
- national stage of PCT
- divisional
- continuation
- continuation-in-part (CIP)

**INVENTORSHIP DECLARATION**

My residence, post office address, and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**BALLOON CONES AND WAISTS THINNING METHODOLOGY**

the specification of which:

- a)  is being filed concurrently herewith
- b)  was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_
- c)  was filed as PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and amended under PCT Article 19 on \_\_\_\_\_.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56 including information occurring between the filing date of any prior application of which the present application is a continuation-in-part.

- In compliance with this duty there is attached an Information Disclosure Statement.  
37 CFR 1.97.

**PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d), of any foreign application(s) for patent or inventor's certificate or of any PCT international applications(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international applications(s) designating at least one country other than the United States of America filed by me having the same subject matter having a filing date before that of the application on which priority is claimed.

- a)  no such applications have been filed.  
 b)  such applications have been filed as follows:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35 United States Code, §119(e) of any United States provisional application identified below.

- a)  no such applications have been filed.  
 b)  such applications have been filed as follows:

U.S. APPLICATIONS	
SERIAL NUMBER	U.S. FILING DATE
1.	
2.	

#### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. §120

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international applications(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior applications(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior applications(s) and the national or PCT international filing date of this application.

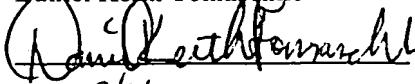
- a)  no such applications have been filed.  
 b)  such applications have been filed as follows:

U.S. APPLICATIONS	
SERIAL NUMBER	U.S. FILING DATE
1. 09/076,252	May 11, 1998
2.	
PCT APPLICATIONS DESIGNATING THE U.S.	
PCT APPLICATION NO.	PCT FILING DATE
3.	

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

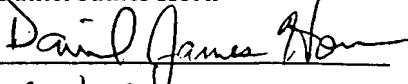
Telephone calls and correspondence should be directed to: Jonathan Grad, at Customer No. 490, Telephone: (612) 563-3000, Facsimile: (612) 563-3001.

**First Inventor**

Full name: **Daniel Keith Tomashko**  
Inventor's signature:   
Date: 9/8/99  
Citizenship: **US**  
Post office Address: **9400 Creek Ridge Lane  
Savage, MN 55378**

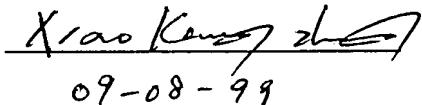
Residence:  
(If different than above)

**Second Inventor**

Full name: **Daniel James Horn**  
Inventor's signature:   
Date: Sept 8, 1999  
Citizenship: **US**  
Post office Address: **291 Poplar Drive  
Shoreview, MN 55126**

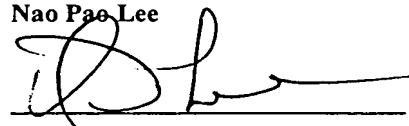
Residence:  
(If different than above)

**Third Inventor**

Full name: **Xiao Kang Zhang**  
Inventor's signature:   
Date: 09-08-99  
Citizenship: **US P. R. China**  
Post office Address: **13281 Yorktown Lane  
Champlin, MN 55316**

Residence:  
(If different than above)

**Fourth Inventor**

Full name: **Nao Pae Lee**  
Inventor's signature:   
Date: 9-8-99  
Citizenship: **US**  
Post office Address: **2816 81st Avenue North  
Brooklyn Park, MN 55444**

Residence:  
(If different than above)

UTILITY/DESIGN PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Tomaschko et al.

Title: BALLOON CONES AND WAISTS THINNING METHODOLOGY

Filed:  concurrently herewith  
 on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_

Assistant Commissioner for Patents  
Washington, DC 20231

Docket No: S63.2-7132

POWER OF ATTORNEY FROM ASSIGNEE

As assignee of record of the entire interest of the above identified patent application, SciMed Life Systems, Inc. hereby appoint all practitioners of Customer No. 490 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I hereby authorize them to act and rely on instructions from, and to communicate directly with, the firm or person which sent this case to Vidas, Arrett & Steinkraus, P.A., unless or until I instruct Vidas, Arrett & Steinkraus P.A., in writing to the contrary.

Address all correspondence to Jonathan Grad at Customer Number 490.

Dated this 8/13 day of Sep, 1999.

(Company Name)

SciMed Life Systems, Inc.

(Signature)  
(typed name)

By:



Luke Dohmen

(title)

Its:

Sr. Patent Attorney



**UNITED STATES DEPARTMENT OF COMM.**

**Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 16, 1999

PTAS

VIDAS, ARRETT & STEINKRAUS, P.A.  
JONATHAN GRAD  
SUITE 2000, 6109 BLUE CIRCLE DRIVE  
MINNETONKA, MN 55343-9131



\*101160112A\*

jc841 U.S. PRO  
09/181388  
02/13/01

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/22/1999

REEL/FRAME: 010270/0075  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEE, NAO PAO

DOC DATE: 09/08/1999

ASSIGNOR:

ZHANG, XIAO KANG

DOC DATE: 09/08/1999

ASSIGNOR:

HORN, DANIEL JAMES

DOC DATE: 09/08/1999

ASSIGNOR:

TOMASCHKO, DANIEL KEITH

DOC DATE: 09/08/1999

ASSIGNEE:

SCIMED LIFE SYSTEMS, INC.  
ONE SCIMED PLACE  
MAPLE GROVE, MINNESOTA 55311-1566

FILING DATE: 09/22/1999  
ISSUE DATE:

SERIAL NUMBER: 09401618

PATENT NUMBER:

010270/0076 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

UTILITY/DESIGN PATENT  
Docket No. S63.2-7132

A S S I G N M E N T

WHEREAS, I(we), Daniel Keith Tomaschko, Daniel James Horn, Xiao Kang Zhang, Nao Pao Lee residing at 9400 Creek Ridge Lane, Savage, MN 55378; 291 Poplar Drive, Shoreview, MN 55126; 13281 Yorktown Lane, Champlin, MN 55316; 2816 81st Avenue North, Brooklyn Park, MN 55444 have invented and own the entire United States right, title and interest in an invention for:

**BALLOON CONES AND WAISTS THINNING METHODOLOGY**

disclosed in my application for United States Letter Patent filed:

- concurrently herewith  
 on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_; and

I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said application above when known.

WHEREAS, SciMed Life Systems, Inc. ("Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having its principal place of business at One SciMed Place, Maple Grove, MN 55311-1566, is desirous of acquiring the entire right, title, and interest in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to Assignee.

Dated: 9/8/99

First Inventor's Signature:  
First Inventor's Name:

Daniel Keith Tomaschko  
Daniel Keith Tomaschko

Dated: Sept 8, 1999

Second Inventor's Signature:  
Second Inventor's Name:

Daniel J. Horn  
Daniel James Horn

Dated: 9-8-99

Third Inventor's Signature:  
Third Inventor's Name:

Xiao Kang Zhang  
Xiao Kang Zhang

Dated: 9-8-99

Fourth Inventor's Signature:  
Fourth Inventor's Name:

Nao Pao Lee  
Nao Pao Lee

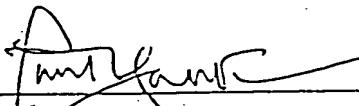
LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT MATTERS  
EFFECTIVE THROUGH: December 31, 1999

I, Paul W. Sandman, as Senior Vice President, Secretary, and General Counsel of Boston Scientific Corporation, the controlling corporation of:

SCIMED Life Systems, Inc., Boston Scientific Corporation Northwest Technology Center, Inc.; Symbiosis Corporation; Meadox Medicals, Inc.; E.P. Technologies, Inc.; Cardiovascular Imaging Systems, Inc.; BSC Technology, Inc.; Boston Scientific Technology, Inc.; SCIMED Technology, Inc.; Meadox Technology, Inc.; Boston Scientific, Limited; Boston Scientific Ireland, Limited; Corvita Corporation; Cardiovascular Innovations Canada, Inc.; Corvita Europe S.A.; Corvita Canada, Inc.; Laboratoires Corvita S.A.R.L.; Schneider (Europe) GmbH; Nilo Holding S.A.; AMS Medinvent S.A.; Schneider Belgium NV; Shiley Ltd.; Schneider Holland BV; Schneider (USA), Inc.; Schneider/NAMIC; Schneider Puerto Rico; NAMIC Eireann Limited; NAMIC International, Inc.; and Schneider Ireland BV

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above with regard to matters pending before the United States Patent and Trademark Office and (2) to execute power of attorney documents on behalf of any of the corporations identified above to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above in any foreign or international patent applications filed with any foreign and/or international patent offices:

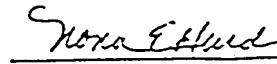
Mark J. Casey .....	Reg. No. 37,796
David L. Cavanaugh .....	Reg. No. 36,476
Luke R. Dohmen .....	Reg. No. 36,783
Peter J. Gafner .....	Reg. No. 36,517
Patricia LaMarche-Davis .....	Reg. No. 37,866
(Also known as Patricia Davis or Patricia A. Davis)	
Todd P. Messal .....	Reg. No. 42,883
Robert M. Raucker .....	Reg. No. 40,782
William J. Shaw .....	Reg. No. 43,111

  
Paul W. Sandman  
Senior Vice President, Secretary, and General Counsel

  
Date

COMMONWEALTH OF MASSACHUSETTS )  
   ) ss.  
COUNTY OF MIDDLESEX         )

On this 25<sup>th</sup> day of September, 1999 before me personally appeared Paul W. Sandman to be known and known to me to be the person described in and who executed the foregoing instrument, and I, duly acknowledged to me that he executed the same for the uses and purposes set forth herein.

  
Notary Public

NONA E. HURD  
NOTARY PUBLIC  
My Commission Expires Oct 4, 2002

MRI  
9-22-99

REC

10-01-1999



101160112  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

841 U.S.  
09/22/99  
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09/4041618  
JC675 U.S. PRO  
09/22/99

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nao Pao Lee; Xiao Kang Zhang; Daniel James Horn; Daniel Keith Tomaschko

Additional name(s) of conveying party(ies)  
attached?  Yes  No

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 9-8-99; 9-8-99; 9-8-99; 9-8-99

2. Name and address of receiving party(ies):

Name: SciMed Life Systems, Inc.

Internal Address:

Street Address: One SciMed Place

City: Maple Grove State: MN Zip: 55311-1566

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: 9-8-99; 9-8-99; 9-8-99; 9-8-99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Jonathan Grad  
Vidas, Arrett & Steinkraus, P.A.  
Suite 2000, 6109 Blue Circle Drive  
Minnetonka, MN 55343-9131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number: 22-0350  
(Attach duplicate of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jonathan Grad

Signature ✓

9/22/99

Date

Total number of pages including cover sheet, attachments, and document: \_\_\_\_\_

OMB No. 0651-011 (exp. 4/94)

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